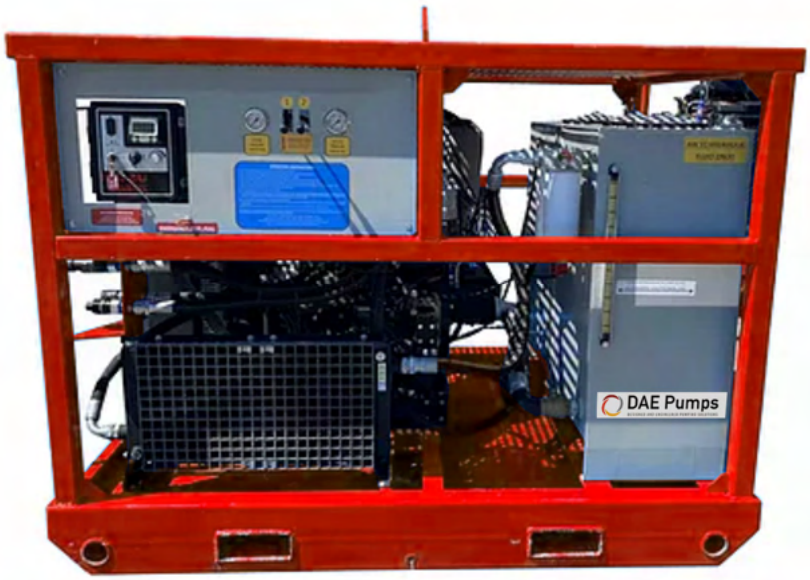
DAE Pumps
DESIGNED AND ENGINEERED PUMPING SOLUTIONS

Prime 127 HPU

Diesel Hydraulic Power Unit

(Trailer Option Available)



DAEPUMPS.COM

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Prime 127 HPU Diesel Hydraulic Power Unit

Offshore and Oilfield Ready

Prime's Facts

Horsepower:	**127 HP (94kW)**
Operating Pressure:	**2500 to 3300 PSI (172-227 Bar)**
Hydraulic Flow:	**0 to 52 GPM (Up to 196 LPM)**
Hydraulic Tank	**120 Gal (454 Liters)**
Diesel Tank:	**120 Gal (454 Liters)**
Weight:	**5500 LBS (2495 kg)**
Dimensions:	**96"x56"x72" (243cm x 142cm x 182cm)**
Hydraulic Oil:	**32 or 46 AW, BIO, NS**

Features

Engine

- Isuzu, John Deere or Deutz
- EPA rated engine with rubber engine shock points
- LOFA or Murphy engine monitoring system
- Engine safety shutdown package
- Double fuel and hydraulic filtration
- Air inlet emergency shutdown valve
- Electric start with battery & weather safe battery box

Hydraulics

- Single or twin circuit hydraulic flow controls
- Low level hydraulic fluid shutdown
- Best in class 12 volt dual fan hydraulic cooling unit
- Hydraulic oil filter with spin on cartridges
- 100% oil spill and fuel spill twin containment
- 5000 PSI hydraulic gauges
- Screw together 1" supply and return fittings
- Hydraulic oil level & temperature indicators

Safety

- Low point drain plugs & tank isolation valves
- Custom radiator grill guard, overhead grating protection
- Variable pressure hydraulic relief valve
- Safety transport binder "O" rings
- Easy to read safety and operation labeling
- Flame arrestor exhaust with heat shield
- Emergency engine over speed shutdown

Other Features

- Optional hydraulic hose reels & tool box compartment
- Double coated marine epoxy or powder coat finish
- Fully boxed frame tubing for added strength
- Top tank desiccant breather
- Removable tanks with oversized clean out ports
- Vertical tanks with clean-out for easy maintenance
- New 4" x 10" box tube skid rails & 10" forklift boots
- Optional certification to meet offshore lifting standards

Available Options

- Fully custom hydraulic circuits, pressures, and flow
- Air or electric start; mechanical or electric shutdown
- Optional offshore/oilfield certifications
- Integrated hydraulic hose reels
- Optional hydraulic pressure washers

Trailer or Skid Mounting Available

Prime
Hydraulic Power Units

Prime's Hydraulic Power Units are designed to be functional and well built.

Intelligent class-leading features come standard in each unit. Prime's unique approach to fluid management is designed to prevent spills while vastly improving serviceability. Each diesel and hydraulic tank is designed to be modular with oversized clean out and isolation valves for easy maintenance.

Other manufacturers feature tanks made into the skid frame or lack spill containment entirely, making the end user at risk for costly clean up and EPA or DOT fines. Prime's hydraulic power units are able to operate with a number of hydraulic fluids including anti-wear, biodegradable and no sheen oil.

Hydraulic Output Options

Single Circuit - 1 Output

Hydraulic Power Unit → Single Circuit Mode—1 Port
50 GPM@ 3000 PSI

Twin Circuit - 1 or 2 Outputs

Hydraulic Power Unit → Single Circuit Mode—1 Port
52 GPM@ 3000 PSI
→ Twin Circuit Mode— 2 Ports
26 GPM@ 3000 PSI

Multi-Circuit Custom Circuits
(Diesel or Electric Available)

Hydraulic Power Unit →
- Fully Custom Design
- Run a variety of equipment
- Your flow and pressure terms

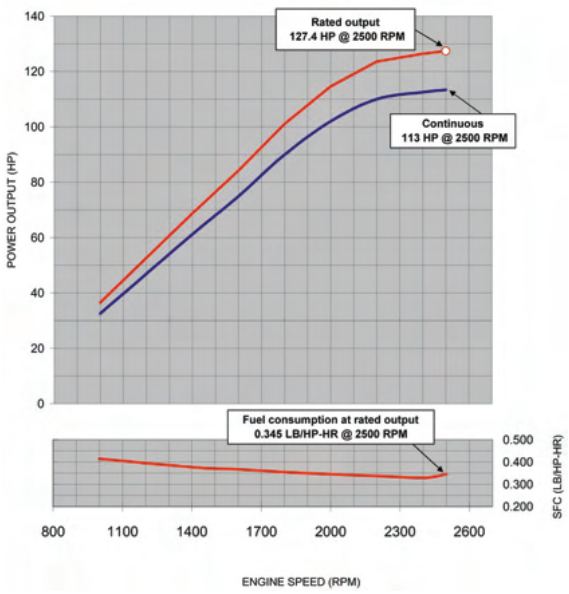
Keeping it Cool

Prime power units have oversized hydraulic cooling systems that help handle the heat generated by heavy operating conditions, constant running and high temperatures.

127 HP ISUZU 4JJ1X

- Turbocharged Diesel
- 4 Cylinder Liquid Cooled
- (127 HP / 94 KW) Output
- 3.0 (L) Displacement
- 2500 Max RPM
- EPA Tier III

Engine Performance Curve



Prime 127 HPU Diesel Hydraulic Power Unit

DOT Approved & Registered Trailer

Prime's Facts

Horsepower:	**127 HP (94kW)**
Operating Pressure:	**2500 to 3300 PSI (172-227 Bar)**
Hydraulic Flow:	**0 to 52 GPM (Up to 196 LPM)**
Hydraulic Tank	**120 Gal (454 Liters)**
Diesel Tank:	**120 Gal (454 Liters)**
Weight:	**5700 LBS (2585 kg)**
Dimensions:	**176"x96"x82" (447cm x 243cm x 208cm)**
Hydraulic Oil:	**32 or 46 AW, BIO, NS**

Features

Engine

- Isuzu industrial engine
- EPA rated engine with rubber engine shock points
- Murphy engine monitoring system with data logger
- Engine safety shutdown package
- Double fuel and hydraulic filtration
- Air inlet shutdown valve
- Electric start with battery & weather safe battery box

Hydraulics

- Single or twin circuit variable flow hydraulic controls
- Largest in class 12 volt dual fan hydraulic cooler
- Hydraulic oil filter with spin on cartridge
- 100% Oil spill and fuel containment trailer
- 5000 PSI hydraulic gauges
- Screw together 3/4" or 1" supply and return fittings
- Hydraulic oil level & temperature indicators
- Low level hydraulic tank shutdown

Safety

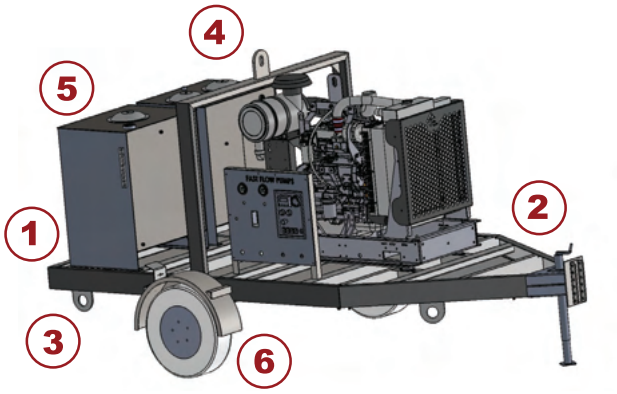
- Safety transport tie down eye pads
- DOT registered and approved for highway towing
- Variable pressure hydraulic relief valve
- Heavy duty center point lift
- Easy to read safety and operation labeling
- Flame arrestor exhaust with heat shield and rain cap
- 10 Ply trailer tires

Other Features

- Powder coated frame & box tube lifting design
- Fully adjustable Pintle or Bulldog hitch & trailer jack
- 7K Torsion flex trailer axles – no leaf springs
- Front & rear transport binder rings
- 10" Oversized tank clean out ports
- Integrated tool box or hydraulic reels available
- Removable fuel and hydraulic tanks
- Low point drains with shutoff valve

Available Options

- Fully custom hydraulic circuits, pressures, and flow
- Air or electric start; mechanical or electric shutdown
- Integrated hydraulic hose reels
- Optional hydraulic pressure washers



Specialty features are standard

With Prime's trailer-mounted hydraulic power units. Fluid spill containment, removable fuel and hydraulic tanks, oversized tank clean outs, and DOT certification for highway towing come standard. Choose from an adjustable height Bulldog or Pintle hitch. Prime trailer hydraulic power units are designed to be maintenance friendly, resulting in less costly servicing and improved life-span.

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Twin Circuit - 1 or 2 Outputs

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Diesel or

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Prime Hydraulic Power Units

Prime Standard Features

1. Removable Tanks
2. Spill Containment
3. Transport Binder Rings
4. H.D. Center Lift Point
5. Tank Clean Outs
6. Trailer 10 Ply Tires

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- 2500 Max RPM
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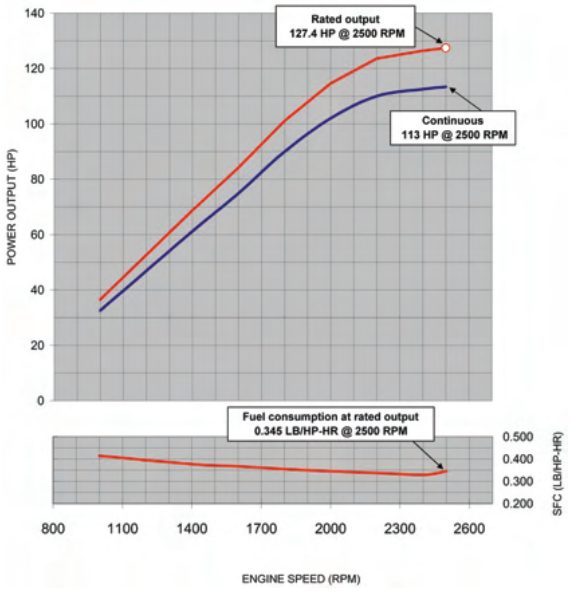
Engine Performance Curve